

Patent Abstracts of Japan

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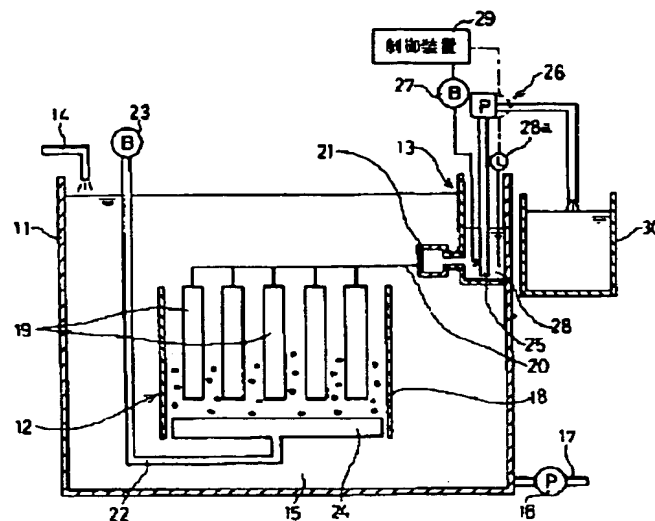
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APPLICANT : KUBOTA CORP;

INVENTOR : SOEDA YUJI;

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TITLE : TREATING DEVICE FOR SEWAGE



ABSTRACT : PURPOSE: To automatically stop an air lift pump, when clogging on a membrane separation device occurs by clogging of an aeration device and a failure of a blower, etc., and to prevent from being disabled to filter.

CONSTITUTION: A membrane separation device 12 for filtering water to be treated with gravity by using natural water head in a room as a driving pressure is installed in the inside of a treating room 11. A filtering water head control room 13 is formed by separating it from the treating room 11 with a partitioning wall, and both room 11, 13 are made to communicate through a filtering pipe 20 of the membrane separation device 12 at a proper position at the upper part than a top of the membrane separation device 12. The air lift pump 26 for discharging a filtrate 28 in the room is installed in the filtering water head control room 13, and a control device 29 for starting and stopping the air lift pump 26 based on water level in the filtering water head control room 13, is installed.

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